



1 EGRESS ANALYSIS PLAN
Scale: 1/16" = 1'-0"

AREA OF REFUGE #1
AREA OF REFUGE #2
AREA OF ALTERATION

FLOOR TENANT NOTES

1. Occupancy Classification: **Assembly Group "A"**
2. Usable Square Footage: **42,455 Square Feet**
3. Number of People on Floor: **520 People**
4. This floor is single tenant occupancy by **Casco Management Services Corp.**
5. This floor is fully sprinklered.
6. This proposed alteration does not affect the existing degree of compliance with Local Law 5/73 in the

CALCULATIONS FOR THE MAXIMUM ALLOWABLE OCCUPANCY OF THE 10TH FLOOR

ALTERATION APPLICATION NO. APPROVAL DATE

1. Allowable capacity of exit stairs:
Each unit of width = 60 Occupants
Each 12" additional unit of width = 40 Occupants
(NYC Building Code C-26-601.3 & Table 6-1)

Stair No. 1 & 2	Stair No. 3
Door @ 3'-0" = 36"	Door @ 3'-0" = 45"
22" = 60	22" = 60
12" = 40	22" = 80
34" = 120 Occupants Allowable	44" = 160 Occupants Allowable
Each Stair	

2. Allowable capacity of exit stairs:
Each unit of width = 60 Occupants
Each 12" additional unit of width = 40 Occupants
(NYC Building Code C-26-601.3 & Table 6-1)

Stair No. 1 & 2	Stair No. 3
22" = 60	22" = 60
12" = 40	22" = 80
44" = 160 Occupants Allowable	56" = 180 Occupants Allowable
Each Stair	

3. Floor capacity determined by existing plumbing fixtures (NYC Building Code Table RS 16-5 minimum of plumbing fixtures required).

The maximum allowable occupancy of this floor is 755 occupants determined by the 19 existing lavatories. 755 occupants allowable based on plumbing fixtures.

4. Capacity of Exit:
(NYC Building Code C-26-603.3)
Reduction in requirement for vehicle exit: per paragraph C-26-603.3, when floor area has access to area of refuge complying with the requirements of Section C-26-604.5, capacity of vehicle exit required be reduced to fifty (50) percent of the occupant load.

Vehicle Exit Capacity:

Stair No. 1 =	40 Persons
Stair No. 2 =	40 Persons
Stair No. 3 =	120 Persons
Total	200 Persons

Maximum Allowable Occupant Load = 500 x 2 = 1000 Persons

5. Verification of allowable number of occupants in area of refuge:
(NYC Building Code C-26-604.5 requires 3 square feet per person)

755 Occupants @ 3 Sq. Ft. = 2,265 Square Feet

Area of Refuge No. 1 = 16,200 Square Feet

Area of Refuge No. 2 = 22,050 Square Feet

6. Based on above calculations the maximum allowable occupancy of the 10th floor as approved on Alteration No. 3980.
Approval Date April 7, 1988 =
Actual Number of Occupants =
After This Alteration =

660 Allowable Occupants

545 Actual Occupants